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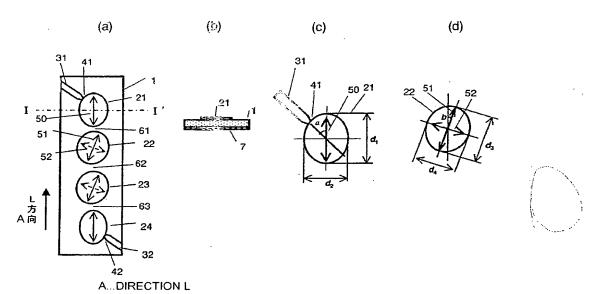
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(54) Title: HIGH FREQUENCY CIRCUIT ELEMENT

(54) 発明の名称: 高周波回路素子



(57) Abstract: A high frequency circuit element comprising a substrate having a major surface, and a plurality of resonators including first, second and third resonators arranged to be coupled in series on the major surface of the substrate. The first, second and third resonators are formed, respectively, of conductors supported on the substrate. Each of the first, second and third resonators has a resonance mode including two basic resonance modes oscillating in the directions intersecting perpendicularly in a plane parallel with the major surface of the substrate. The second resonator is interposed between the first and third resonators and the oscillating direction in the basic resonance mode of the second resonator forms an angle between 0° and 90° with respect to the oscillating direction in the basic resonance mode of the first resonator and/or the third resonator.

本発明の高周波回路素子は、主面を有する基板と、前記基板の主面上において直列的に結合するよう に配置された第1共振器、第2共振器、および第3共振器を含む複数の共振器を備えた高周波回路素子である。第 1、第2、および第3共振器の各々は、基板に支持された導体から形成されている。第1、第2、および第3共振 器の各々の共振モードは、



SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

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添付公開書類:

一 国際調査報告書

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICINT.Cl	CATION OF SUBJECT MATTER H01P1/208		
According to International Patent Classification (IPC) or to both national classification and IPC			
B. FIELDS SEARCHED			
Minimum docur Int.Cl	nentation searched (classification system followed by cl H01P1/20-1/219	assification symbols)	
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Jitsuyo Shinan Koho 1922-1966 Toroku Jitsuyo Shinan Koho 1994-2004 Kokai Jitsuyo Shinan Koho 1971-2004 Jitsuyo Shinan Toroku Koho 1996-2004			
Electronic data b	pase consulted during the international search (name of	data base and, where practicable, search	terms used)
C. DOCUMENTS CONSIDERED TO BE RELEVANT			
Category*	Citation of document, with indication, where ap	propriate, of the relevant passages	Relevant to claim No.
A	JP 8-46413 A (Matsushita Ele Ltd.), 16 February, 1996 (16.02.96), Full text; all drawings & EP 660438 A2	ctric Industrial Co.,	1-8
A	JP 57-155802 A (NEC Corp.), 27 September, 1982 (27.09.82) Full text; all drawings (Family: none)		1-8
Further documents are listed in the continuation of Box C. See patent family annex.			
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